ISO

Technical Committee 184: Industrial automation systems and integration
Subcommittee 4: Industrial data

ISO TC 184/SC4 DRAFT RESOLUTIONS
FOR SC4 MEETING
2001-02-23
Funchal, Portugal

SC4 Resolution "A"
Project Leader or Editor

Currently there are no Project Leader or Editor changes requested although the following positions are open:

10303-11 Amendment Editor,
10303-24 Project Leader/Editor,
10303-25 Editor,
10303-28 "Interim" Editor

SC4 Resolution "B"

Common Resources
WG12 – Common Resources

Introduction:

Working Group 12 (WG12) was formed to address Common Resource requirements across all SC4 standards. WG12 has primarily been focused on the developed of (and corrections to) ISO 10303-40, 10303-100, and 10303-500 series parts due to their applicability across all SC4 standards. The subject of what a 'Common Resource' has been discussed within SC4 and the respective Working Groups, but has not been documented sufficiently. Most personnel within SC4 agree some SC4 standards fall within the realm of 'Common Resources', but a common agreement or understanding of what a 'Common Resource' is not defined. SC4 Resolution 402, formally requests that QC and WG12 address this issue.

SC4 Resolution 402 excerpt related to WG12 activities, 'SC4 requests WG12 to develop procedures to enable and control the use of other ISO TC184/SC4 parts as Common Resources in the development of STEP Application Interpreted Models, and other SC4 standards.'

Several White Papers were developed to address this request. WG12 N613 was developed prior to the Charleston Meeting to address and bring to closure the results of these activities (including the outstanding issues). The SC4 Chair, PPC, Conveners, and WG12 Technical Experts addressed WG12 N613 at the Charleston meeting. The Charleston Meeting inputs were brought together and the following resolution was prepared for SC4 review.

Objective:

This resolution is intended to address SC4 Resolution 402 request to WG12.

This resolution defines Salient Characteristics of Common Resources, unique naming requirements for Common Resources, how a Common Resource shall be identified, and what documents are currently Common Resources.

Resolution:

SC4 resolves that ISO 10303-40, 100, and 500 series parts are Common Resources.

SC4 resolves that ISO/TS 10303-1001 through 1009 are Common Resources.

SC4 resolves that ISO 13584-20 (Logical resource: Logical model of expressions) is a Common Resource.

SC4 resolves that ISO 15531-42 (Time model) is a Common Resource.

SC4 directs WG12 to prepare an SC4 Standing Document for ballot, based upon WG12 N613 and this resolution, to identify current Common Resource documents, to define Common Resource Salient Characteristics, and to define Common Resource Unique Naming Requirements. The SC4 Standing Document shall authorize WG12 to modify the SC4 Standing Document to update the list of Common Resources as they are approved.

SC4 resolves that the Project Leader, during the Change Management review of a document, shall identify if a document is a candidate to be a Common Resource (or should be converted to a Common Resource). This decision shall be reviewed with WG12 for compliance with Common Resources requirements. SC4 directs Change Management to modify their procedures accordingly.

SC4 Resolution "C"

Clarification of requirements for ASN.1 identifiers
from
Quality Committee

Introduction:

There has been some confusion over the use of ASN.1 identifiers for documents and schemas, particularly in the case of standards that have technical corrigenda, amendments, or multiple editions. The rules set out in ISO 10303-1 and the guidance provided in the Supplementary Directives do not provide complete and accurate information as needed by SC4 project teams.

Objective:

To ensure that all SC4 project teams have accurate and consistent information regarding the use of ASN.1 identifiers for schemas and documents.

Resolution:

SC4 approves the procedure for using ASN.1 identifiers described in document QC N177. SC4 directs its project teams to apply this procedure to their work immediately. SC4 also directs the Quality Committee to include this procedure in an updated version of the Supplementary Directives as soon as possible.

Attached documents:

ISO TC184/SC4/QC N177

SC4 Resolution "D"

Procedure for changes to the SC4 Quality Manual
from
Quality Committee

Introduction:

In order to ensure stability of the SC4 Handbook and allow P-members adequate time to assess proposals for change to the Handbook, a procedure is defined that permits changes to the Handbook only by advance resolution. The SC4 Quality Manual needs to have the same kind of stability and should not be able to be amended by last-day resolution.

Objective:

To extend the current procedure for consideration, approval, and incorporation of changes to the SC4 Organization Handbook to cover the SC4 Quality Manual.

Resolution:

SC4 approves the changes to clause 5.11 of the SC4 Organization Handbook (SC4 N1087) described in document QC N178.

Attached documents:

QC N178

SC4 Resolution "E"

Clarification of approval procedures
from
Quality Committee

Introduction:

Recent discussions involving the SC4 Chair, the Working Group conveners, and members of the Quality Committee have identified some ambiguities and lack of clarity in the procedures defined in the SC4 Quality Manual for handling documents during the approval cycle before SC4 standards are submitted for ballot or publication. In particular, the responsibilities of the Project Leader and the Convener are not clear.

Following discussion over the QC exploder, this resolution proposes a more detailed procedure to be included in the Quality Manual that confirms the responsibility of the Project Leader for all documents (part documents and other such as issues logs). This is consistent with the summary circulated by the SC4 Chair on 2001-01-04.

Objective:

To clarify the procedures for approving SC4 standards prior to balloting or publication, and the responsibility for publishing documents on SOLIS.

Resolution:

SC4 approves the changes to the SC4 Quality Manual specified in document QC N179.

Attached documents:

QC N179